Bibliography
of
Publications & Presentations
In 2009

Embry-Riddle
Aeronautical University
Prescott Campus
Community

April 8, 2010
**Quentin G. Bailey**

**College:** Arts & Sciences  
**Department:** Space Physics

**Research Area:**  
- Theoretical and experimental aspects of testing special and general relativity

**2009 Publications:**


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**Sally Blomstrom**

**College:** Arts & Sciences  
**Department:** Humanities & Communications

**Research Areas:**  
- Service learning  
- Creative problem solving  
- Assessment

**2009 Publications:**

Sally Blomstrom (continued)


Richard W. Bloom
Chief Academic Officer

Research Areas:
- Aviation intelligence and security systems
- Profiling
- Terrorism, antiterrorism, and counterterrorism
- Threat, vulnerability, and risk assessment
- Intelligence collection and analysis, covert action, and counterintelligence
- Personnel security
- The psychology of information warfare
- Critiques of post-modernism and post-structuralism in the contexts of psychological assessment and interpretations of historical, biographical, and autobiographical narrative

2009 Publications:


Erica Diels
College: Aviation
Department: Flight Training

Research Areas:
- Ethics
- Moral development
- Aviation

2009 Publications:

Javard Gorjидooz
College: Arts & Sciences
Department: Aviation Business Administration

Research Areas:
- Aviation finance
- International business and economics

2009 Publications:


**Peter Grey**  
**College:** Aviation  
**Department:** Flight Line

**Research Area:**  
- Meteorology – monsoon research

**2009 Publications:**


**James Helbling**  
**College:** Engineering  
**Department:** Aerospace & Mechanical Engineering

**Research Area:**  
- Structural fatigue life prediction

**2009 Publications:**

Helbling, J. (2009 March). Integrating design application and communication skills into senior design. *2009 American Society for Engineering Education Pacific Southwest Region Annual Conference, San Diego, CA.*
Dorothea Ivanova  
**College:** Aviation  
**Department:** Meteorology

**Research Areas:**  
- Cloud physics  
- Climate variability studies  
- Atmospheric modeling  
- Global and regional climate models

**2009 Publications:**

Curtis N. James  
**College:** Aviation  
**Department:** Meteorology

**Research Area:**  
- Mesoscale, radar, and mountain meteorology

**2009 Publications:**
James, C. N. (2009 October). Proper weather radar interpretation. *2009 Malibu Mirage Owners and Pilots Association Convention, Scottsdale, AZ.*
Philip Jones
College: Arts & Sciences
Department: Global Security & Intelligence Studies

Research Areas:
- Military, political, and cultural studies of the southwest Asia region

2009 Publications:

Eileen Landis-Groom
College: Arts & Sciences
Department: Humanities & Communications

Research Areas:
- Creative writing
- Travel literature
- Teaching writing

2009 Publications:
David Lanning  
**College:** Engineering  
**Department:** Aerospace & Mechanical Engineering

**Research Areas:**
- Fatigue and fracture of engineering materials
- Foreign object damage
- Engineering education

**2009 Publications:**

Nancy Lawrence  
**College:** Aviation  
**Department:** Safety Science

**Research Areas:**
- Industrial hygiene
- Occupational safety and health

**2009 Publications:**
Nika Nordbrock

College: Arts & Sciences
Department: Humanities & Communications

Research Areas:
♦ Cowboy poetry
♦ Composition
♦ Diversity

2009 Publications:

Nordbrock, A. C. (2009 February 6-8). Territorial ranches: Settling the Arizona Territory. 17th Annual Cochise Cowboy Poetry and Music Gathering, Sierra Vista, AZ.
Nordbrock, A. C. (2009 March). Roundup time or cowboy poetry in three versions. 39th Annual College English Association Conference, Pittsburgh, PA.
Gary Northam
College: Aviation
Department: Safety Science

Research Areas:
♦ Professional ethics
♦ Aviation safety

2009 Publications:

Kenneth Parsons
College: Aviation
Department: Meteorology

Research Areas:
♦ (Scientifically) development of extratropical cyclones and (educationally) value of new teaching methodologies, especially written research projects to student learning

2009 Publications:
John (Ed) Post  
**College:** Engineering  
**Department:** Electrical & Computer Engineering  

**Research Areas:**  
- Planar microwave circuits and devices  
- Engineering education  

**2009 Publications:**  

Sabrina Ricks  
**Department:** Records Office, Prescott  

**Research Areas:**  
- International education  
- General education criteria  
- Academic rigor ascension  

**2009 Publications:**  
Mark Sinclair
College: Aviation
Department: Meteorology

Research Area:
♦ Synoptic and dynamic meteorology

2009 Publications:

William Waldock
College: Aviation
Department: Safety Science

Research Area:
♦ Aircraft crashworthiness and survivability

2009 Publications:
Bradley Wall  
**College:** Engineering  
**Department:** Aerospace & Mechanical Engineering

**Research Areas:**  
- Orbital mechanics  
- Optimization

**2009 Publications:**


Hong Zhan  
**College:** Arts & Sciences  
**Department:** Humanities & Communications

**Research Areas:**  
- Integrating technology in language  
- Language teaching and learning in virtual environments

**2009 Publications:**


Zhan, H. (2009 October). Collaborative learning: A way to transform learning and instruction in online courses. *Association for Educational Communications and Technology Annual Conference,* Louisville, KY.